

Please join us at our next **Carbon Monitoring System (CMS) Applications Policy Speaker Series** talk:

The Carbon Benefits Project (CBP): Tools to estimate the climate change mitigation co-benefits of land management projects

Eleanor Milne, Modeling Component Coordinator for Global Environment Facility's (GEF) Carbon Benefits Project, *Colorado State University*

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12-1 PM Eastern Time

NASA Goddard Space Flight Center, Building 33, G133

Remote Presentation

The CMS Applications Policy Speaker Series is an effort funded through the NASA CMS Initiative and co-sponsored by the [Joint Global Carbon Cycle Center](#) (JGCCC).

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About the Talk

Sustainable land management projects involving activities such as afforestation, agroforestry and changes in agricultural practices have the potential to contribute to climate change mitigation. They can impact the amount of carbon stored in soils and biomass, and emissions of greenhouse gases (GHG) from land, fertilizers and livestock. Many funders and other agencies have an interest in tracking these impacts.

The [GEF](#)'s Carbon Benefits Project (CBP) has developed online tools which allow land managers to do this. The tools include a Simple Assessment (SA) based on the Intergovernmental Panel on Climate Change (IPCC) Tier 1 default factors and a Detailed Assessment (DA) which allows users to enter more project specific Tier 2 factors. Both of these tools are aimed at project managers of land management projects. A third dynamic modelling option is aimed at teams with ecosystem modelling and GIS expertise. This presentation gives an overview of the SA and the DA and explores some data input needs.

About Our Speaker



For the past 13 years Dr Eleanor Milne has worked on the development of tools to estimate the climate change mitigation potential of land management activities in developing countries. She coordinated the Global Environment Facilities (GEF) GEFSOC project which developed a system to estimate changes in soil carbon stocks at national and sub-national scale. She also coordinated the modelling component of the GEFs Carbon Benefits Project which has developed online tools to estimate the GHG impacts of land management activities. Dr Milne is coordinating CSU's activities in the new GEF project 'Sustainable Land Management and Climate Change Mitigation Co-benefits'. She currently holds honorary positions at The University of Leicester, UK (where she is based) and Colorado State University (CSU), USA. She has worked as a consultant, mainly through CSU on projects for CCAFS, IFAD, USAID, CARE/The World Bank and UNEP.

If you would like to **meet with the speaker** after the talk, please contact cms_policy@cce.nasa.gov

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